

## Message Text

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ACTION INT-05

INFO OCT-01 EUR-12 ISO-00 EB-07 /025 W  
----- 128200

R 221421Z DEC 75  
FM AMEMBASSY MOSCOW  
TO SECSTATE WASHDC 8085  
INFO USDOC WASHDC  
AMEMBASSY PRAGUE  
AMEMBASSY WARSAW

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USDOC FOR BEWT/DOWNEY, TDAD AND USSR

STATE PASS INTERIOR FOR BUREAU OF MINES/RAMPACEK

E.O. 11652: NA

TAGS: EEWT,UR, US

SUBJ: USSR DEPUTY MINISTER ON NON-FERROUS METALLURGY PROPOSES  
FURTHER COOPERATION WITH BUREAU OF MINES AND US COMPANIES

REF: (A) MOSCOW 17812; (B)

1. SUMMARY - DEPUTY MINISTER OF NON-FERROUS METALLURGY HAS  
PROPOSED ESTABLISHMENT OF JOINT WORKING GROUP TO COORDINATE  
AMERICAN AND SOVIET COMMERCIAL PROPOSAL BETWEEN MINISTRY AND  
US FIRMS IN FIELD OF NON-FERROUS METALLURGY. EMBASSY  
RECOMMENDS BEWT AND BUREAU OF MINES ATTEMPT TO INTEREST  
INDUSTRY GROUP IN ORGANIZING US PARTICIPATION. EARLY ACTION  
REQUIRES TO TAKE ADVANTAGE OF PROPOSED MINISTRY DELEGATION  
AT LAS VEGAS MINING CONVENTION IN FEBRUARY. END SUMMARY

2. FOLLOWING COPPER EXHIBIT/SEMINAR AND SUBSEQUENT  
VISITS BY PARTICIPANTS TO NON-FERROUS METALLURGY  
INSTITUTES IN MOSCOW AND LENINGRAD, DEPUTY MINISTER OF  
NON-FERROUS METALLURGY V.N. KOSTIN INVITED SEMINAR  
CHAIRMAN CARL RAMPACEK (US BUREAU OF MINES) AND  
ANACONDA REPS NATHANIEL ARBITER AND JAMES MOORE TO  
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MINISTRY DECEMBER 16 TO DISCUSS POSSIBLE FORMS OF FUTURE

COOPERATION IN NON-FERROUS METALLURGY. BEWT/TDAD'S LUCK AND COMMOFF ALSO PRESENT.

3. KOSTIN CALLED SEMINAR "VERY SUCCESSFUL" EVENT, WHICH HAD LEFT HIGHLY FAVORABLE IMPRESSION OF MINISTRY SPECIALISTS. HE SUGGESTED BOTH SIDES MIGHT FOLLOW UP ON ITS SUCCESS IN ORDER TO EXPAND AND EVENTUALLY SYSTEMATIZE CONTACTS. IN SUCH COOPERATION MINISTRY COULD OFFER ITS RESEARCH AND DEVELOPMENT WORK ON FILTERLESS ABSORPTION, MAGNETIC SEPARATION, DRY ORE DRESSING, TITANIUM PROCESSING TECHNIQUES, AND LOW-POLLUTION ELECTROTHERMAL PROCESSING. IT WOULD BE INTERESTED IN OBTAINING TECHNOLOGY AND RELATED HARDWARE FROM US FIRMS FOR (A) LARGE-VOLUME FLOTATION CELLS (DENVER EQUIPMENT'S 14 CUBIC METER CELL SPECIFICALLY MENTIONED ALONG WITH MAXWELL OF CANADA'S 80 CUBIC METER AND FINNISH OK 16 CUBIC METER), (B) LARGE-VOLUME GRINDING MILLS, (C) AUTOMATION EQUIPMENT FOR ORE PROCESSING, (D) EARTH RESOURCES' "IMPROVED PROCESS CONTROL" FLOTATION SYSTEMS, (E) METAL PROCESSING WITHOUT HIGH TEMPERATURES, (F) INSTRUCTIVE METALLURGY, (G) ALUMINUM EXTRACTION FROM NON-BAUXITE SOURCES, AND (H) NON-CLASSICAL METHODS OF ALUMINUM PRODUCTION.

4. ARBITER WELCOMED KOSTIN'S REMARKS AND INVITED TEAM OF MINISTRY SPECIALISTS TO FEBRUARY MINING CONGRESS CONVENTION IN LAS VEGAS WITH SUBSEQUENT TOUR OF ANACONDA INSTALLATIONS IN ARIZONA. RAMPACEK SAID VISIT MIGHT ALSO BE ARRANGED TO BUREAU'S BOULDER CITY FACILITY. WHEN KOSTIN ASKED IF SOVIET DELEGATION COULD MAKE PRESENTATIONS ON PROCESSES MINISTRY WAS OFFERING (PARA 3), ARBITER SUGGESTED AD HOC SEMINAR MIGHT BE ORGANIZED IN ARIZONA WHICH WOULD ALSO INCLUDE PRESENTATIONS BY US FIRMS ON TECHNOLOGY MINISTRY WAS INTERESTED IN OBTAINING.

5. PICKING UP DEPUTY MINISTER'S WISH TO SYSTEMATIZE CONTACTS, ARBITER SUGGESTED THAT A JOINT COMMITTEE OR WORKING GROUP MIGHT BE ORGANIZED TO FUNNEL INFORMATION BETWEEN TWO SIDES. KOSTIN WAS TAKEN WITH SUGGESTION LIMITED OFFICIAL USE

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AND ENVISIONED BODY MEETING TWICE A YEAR WITH AMERICAN COMPANY REPS ORGANIZED BY BUREAU OF MINES ON ROTATING BASIS AND SCST REPRESENTED ON SOVIET SIDE. DESCRIBING SUCH GROUP AS "CENTER OF CRYSTALLIZATION", HE AGREED WITH ARBITER THAT EMPHASIS SHOULD BE COMMERCIAL, NOT ACADEMIC. HE SUGGESTED THAT ARIZONA SEMINAR MIGHT CONSTITUTE GROUP'S FIRST MEETING AND THAT DETAILS MIGHT BE FIRMED UP WITH EXCHANGE OF LETTERS.

6. COMMENT - KOSTIN'S ENTHUSIASM PRESENTS EXCELLENT OPPORTUNITY FOR MUTUALLY BENEFICIAL COOPERATION WITH SOVIETS IN NON-FERROUS METALLURGY IF MEANS CAN BE FOUND TO SYSTEMATIZE RELATIONSHIP. ARBITER'S JOINT WORKING GROUP IDEA HAS CONSIDERABLE MERIT, BUT WE IMAGINE IT WOULD BE DIFFICULT FOR BUREAU OF MINES TO ORGANIZE US PARTICIPANTS AS KOSTIN ENVISIONS. THERE WAS UNFORTUNATELY INSUFFICIENT TIME TO DISCUSS THIS IDEA BEFORE RAMPACEK'S DEPARTURE, BUT WE WONDER IF SOME INDUSTRY GROUP MIGHT BE PERSUADED TO SERVE AS AMERICAN ORGANIZER WITH COOPERATION OF BUREAU, USDOC AND COMMERCIAL OFFICE. SOME FAST WORK WILL BE REQUIRED, BUT IF MEMBER COMPANIES RESPONSIVE, INVITATION TO MINISTRY FOR ARIZONA SEMINAR COULD BE EXTENDED IN INDUSTRY GROUP'S NAME AND FUTURE ARRANGEMENTS COULD BE DISCUSSED AT THAT MEETING. SINCE SOVIETS WOULD PREFER USG PARTICIPATION, WE BELIEVE BUREAU AND BEWT SHOULD ALSO BE REPRESENTED. RECOMMEND BEWT AND BUREAU DISCUSS THIS IDEA WITH ARBITER ASAP AND PROCEED ACCORDINGLY. STOESSEL

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## Message Attributes

**Automatic Decaptioning:** X  
**Capture Date:** 01 JAN 1994  
**Channel Indicators:** n/a  
**Current Classification:** UNCLASSIFIED  
**Concepts:** JOINT VENTURES, METALLURGY, MINING INDUSTRY, SEMINARS  
**Control Number:** n/a  
**Copy:** SINGLE  
**Draft Date:** 22 DEC 1975  
**Decaption Date:** 01 JAN 1960  
**Decaption Note:**  
**Disposition Action:** RELEASED  
**Disposition Approved on Date:**  
**Disposition Authority:** MorefiRH  
**Disposition Case Number:** n/a  
**Disposition Comment:** 25 YEAR REVIEW  
**Disposition Date:** 28 MAY 2004  
**Disposition Event:**  
**Disposition History:** n/a  
**Disposition Reason:**  
**Disposition Remarks:**  
**Document Number:** 1975MOSCOW18271  
**Document Source:** CORE  
**Document Unique ID:** 00  
**Drafter:** n/a  
**Enclosure:** n/a  
**Executive Order:** N/A  
**Errors:** N/A  
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**Office:** ACTION INT  
**Original Classification:** LIMITED OFFICIAL USE  
**Original Handling Restrictions:** n/a  
**Original Previous Classification:** n/a  
**Original Previous Handling Restrictions:** n/a  
**Page Count:** 3  
**Previous Channel Indicators:** n/a  
**Previous Classification:** LIMITED OFFICIAL USE  
**Previous Handling Restrictions:** n/a  
**Reference:** 75 MOSCOW 17812  
**Review Action:** RELEASED, APPROVED  
**Review Authority:** MorefiRH  
**Review Comment:** n/a  
**Review Content Flags:**  
**Review Date:** 12 MAY 2003  
**Review Event:**  
**Review Exemptions:** n/a  
**Review History:** RELEASED <12 MAY 2003 by BoyleJA>; APPROVED <07 AUG 2003 by MorefiRH>  
**Review Markings:**

Margaret P. Grafeld  
Declassified/Released  
US Department of State  
EO Systematic Review  
06 JUL 2006

**Review Media Identifier:**  
**Review Referrals:** n/a  
**Review Release Date:** n/a  
**Review Release Event:** n/a  
**Review Transfer Date:**  
**Review Withdrawn Fields:** n/a  
**Secure:** OPEN  
**Status:** NATIVE  
**Subject:** USSR DEPUTY MINISTER ON NON-FERROUS METALLURGY PROPOSES FURTHER COOPERATION WITH BUREAU OF MINES AND US COMPANIES  
**TAGS:** EEWT, UR, US  
**To:** STATE  
**Type:** TE  
**Markings:** Margaret P. Grafeld Declassified/Released US Department of State EO Systematic Review 06 JUL 2006